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From: Koch, Kristine
Sent: Wednesday, November 25, 2015 10:37 AM
To: Carl Stivers
Cc: Cora, Lori
Subject: Portland Harbor Information Request
Attachments: Anchor QEA Erosion Control Unit Costs (Tables 6 and 7 of Backup Submittal).pdf; Fig3-06-02_Tech-Assign-AltB.pdf; Fig3-06-04_Tech-Assign-AltD.pdf; Fig3-06-05_Tech-Assign-AltE.pdf; Fig3-06-06_Tech-Assign-AltF.pdf; Fig3-06-07_Tech-Assign-AltG.pdf; Figure 3.2-05_PTW-Concentrations.pdf; Quantity Backup for Sheet Pile and Silt Curtains.pdf

Carl, Here is the information for LWG's request #25.

The unit costs were derived by escalating the 2010 Anchor QEA unit costs, which were based on a linear foot (see attached). We assume the costs include

- Purchasing, Installing and Removing the Sheet Pile Walls and
- Purchasing, Installing and Maintaining Silt Curtains

Note: It is unclear the depth of the sheet piles assumed by Anchor QEA in their unit cost.

The quantity backup we presented in the estimate is attached for reference. These quantities were developed using the attached figures (note that the dark blue lines with comments indicate silt curtain lengths for each alternative, and green lines with comments in Figure 3.2 indicate the sheet pile lengths). In summary, sheet pile was assumed around PTW at Arkema and GASCO, and silt curtains were assumed around all other dredging/capping areas for each alternative.

Regards,

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